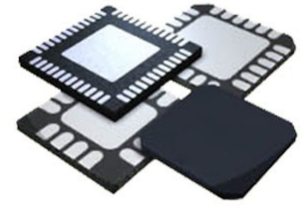


## Current Limit SW 1-IN 1-OUT 0.8V to 5.5V 5A 16-Pin SC-STQFN



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Renesas Technology Corp](#)

**Package/Case:** QFN

**Product Type:** Switches

**Lifecycle:** Active

### General Description

#### Key Features

Optimized for all high-side Power-Rail Control Applications in Adapter-powered Devices, Set-top Boxes, Tablet PCs, Hard-disk & Solid-state Drives, and PCI/PCIe Cards

4 mΩ RDS<sub>ON</sub> while supporting 5 A

Generates very low thermal gradients

Supply Voltage: 2.5 V ≤ V<sub>DD</sub> ≤ 5.5 V

Wide Input Voltage Range: 0.8 V ≤ V<sub>IN</sub> ≤ V<sub>DD</sub>

Capacitor-adjustable Start-up and In-rush Current Control

Two-stage Overcurrent Protection:  
Resistor-adjustable Active Current Limit

Fixed 1.6 A Short-circuit Current Limit

Open-drain PG Signaling

Thermal Shutdown Protection

ON-OFF Control: Active HIGH

### Recommended For You

#### ISL83202IBZ

Renesas Technology Corp

SOP16

#### ISL9492ERZ

Renesas Technology Corp

QFN

#### ISL6520ACBZ-T

Renesas Technology Corp

SOP8

**ISL62883CHRTZ**

Renesas Technology Corp

QFN

**ISL95836HRTZ-T**

Renesas Technology Corp

QFN40

**ISL95837HRZ-T**

Renesas Technology Corp

QFN40

**ISL95837HRZ**

Renesas Technology Corp

QFN40

**ISL9301HRZ**

Renesas Technology Corp

DFN10

**ISL95835HRZ**

Renesas Technology Corp

QFN

**ISL95812HRZ**

Renesas Technology Corp

QFN

**ISL95870HRUZ-T**

Renesas Technology Corp

QFN16

**ISL6521IBZ**

Renesas Technology Corp

SOP16

**ISL62882CHRTZ**

Renesas Technology Corp

QFN

**ISL95870BIRZ-T**

Renesas Technology Corp

QFN20

**ISL78214ARZ**

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QFN